1FW

SEP 0 1 2006

| Thirder the Paperwork Reduction Act of 1995, no pers | ons are required to res | U.S. Patent and Tradem                                | PTO/SB/21 (09-04) ved for use through 07/31/2006. OMB 0651-0031 ark Office; U.S. DEPARTMENT OF COMMERCE ation unless it displays a valid OMB control number |  |
|--|-------------------------|---|---|--|
|  |                         | Application Number                                    | 10/553,664-Conf. #4010  |  |
| TRANSMITT  | AL                      | Filing Date   | October 17, 2005  |  |
| FORM   |                         | First Named Inventor                                  | Timothy Roberts   |  |
| (to be used for all correspondence after             | initial filing)         | Art Unit  | N/A   |  |
| ,  | 3/                      | Examiner Name   | Not Yet Assigned  |  |
| Total Number of Pages in This Submiss                | ion 1                   | Attorney Docket Number 64323(50024)                   |   |  |
| EN   | CLOSURES                | (Check all that app                                   | ly)   |  |
| Fee Transmittal Form                                 | Drawing(s)              |   | After Allowance Communication to TC   |  |
| Fee Attached   | Licensing-rel           | ated Papers   | Appeal Communication to Board of Appeals and Interferences  |  |
| Amendment/Reply                                      | Petition                |   | Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  |  |
| After Final  | Petition to Co          |   | Proprietary Information   |  |
| Affidavits/declaration(s)                            | Power of Attor          | rney, Revocation prrespondence Address  Status Letter |   |  |
| Extension of Time Request                            | Terminal Disc           | oclaimer Other Enclosure(s) (please Identify below):  |   |  |
| Express Abandonment Request                          | Request for             | Refund 3 References Return Postcard                   |   |  |
| x Information Disclosure Statement                   | CD, Number              | of CD(s)  | Return Postcard   |  |
| Certified Copy of Priority Document(s)               |                         | ape Table on CD                                       |   |  |
| Reply to Missing Parts/ Incomplete Application       | Remarks                 |   |   |  |
| Reply to Missing Parts under 37 CFR 1.52 or 1.53     |                         |   |   |  |
|  |                         |   |   |  |
| SIGNATU  | JRE OF APPLICA          | NT, ATTORNEY, OR                                      | AGENT   |  |
| Firm Name EDWARDS ANGELL                             | PALMER & DO             | DDGE LLP  |   |  |
| Signature Yeonge C                                   | Kaclas                  |   | -   |  |
| Printed name George N. Chaclas                       |                         |   |   |  |

Reg. No.

46,608

September 1, 2006

Date



Application No. (if known): 10/553,664

Attorney Docket No.: 64323(50024)

## **Certificate of Express Mailing Under 37 CFR 1.10**

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV756268675US in an envelope addressed to:

> MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

| on | September 1, 2006 |
|----|-------------------|
|    | Date              |

| Lisa a. Kollins                                     |                  |  |  |  |
|---|------------------|--|--|--|
| ) Signature   |                  |  |  |  |
| Lisa A. Rollins                                     |                  |  |  |  |
| Typed or printed name of person signing Certificate |                  |  |  |  |
| (401) 276-6633                                      |                  |  |  |  |
| Registration Number, if applicable                  | Telephone Number |  |  |  |

Each paper must have its own certificate of mailing, or this certificate must identify Note: each submitted paper.

Transmittal Form (1 page) IDS w/1449 (3References) (3 pages)

Return Postcard



Docket No.: 64323(50024)

(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Timothy Roberts et al.

Application No.: 10/553,664

Filed: October 17, 2005

For: METHOD AND SYSTEM FOR

**DETERMINING OBJECT POSE FROM** 

**IMAGES** 

Examiner: Not Yet Assigned

Confirmation No.: 4010

Art Unit: N/A

## **INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR

Application No.: 10/553,664 2 Docket No.: 64323(50024)

1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 64323(50024). A duplicate copy of this paper is enclosed.

Dated: September 1, 2006

Respectfully submitted,

George N. Chaclas

Registration No.: 46,608

**EDWARDS ANGELL PALMER & DODGE LLP** 

P.O. Box 55874

Boston, Massachusetts 02205

(401) 276-6653

Attorneys/Agents For Applicant



PTO/SB/08a/b (07-06)

Approved for use through 09/30/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| Substitute for form 1449A/B/PTO                          |         | Complete if Known |            |                        |                        |
|--|---------|-------------------|------------|------------------------|------------------------|
|  |         |                   |            | Application Number     | 10/553,664-Conf. #4010 |
| INF  | ORMATIO | N DI              | SCLOSURE   | Filing Date            | October 17, 2005       |
| STATEMENT BY APPLICANT (Use as many sheets as necessary) |         |                   | APPLICANT  | First Named Inventor   | Timothy Roberts        |
|  |         |                   |            | Art Unit               | N/A                    |
|  |         |                   | necessary) | Examiner Name          | Not Yet Assigned       |
| Sheet  | 1       | of                | 1          | Attorney Docket Number | 64323(50024)           |

| U.S. PATENT DOCUMENTS |              |  |                                |  |   |
|-----------------------|--------------|--|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No.1 | Document Number  Number-Kind Code <sup>2</sup> ( if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
| /SCC/                 | AA*          | US-6,269,172-B1  | 07-31-2001                     | Morris, et al                                      |   |

| FOREIGN PATENT DOCUMENTS |                          |  |                             |  |   |    |
|--------------------------|--------------------------|--|-----------------------------|--|---|----|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) | Publication Date MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | ۳º |
|                          |                          |  |                             |  |   |    |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁴ Applicant is to place a check mark here if English language Translation is attached.

|                      | NON PATENT LITERATURE DOCUMENTS |   |                       |  |  |
|----------------------|---------------------------------|---|-----------------------|--|--|
| Examiner<br>Initials | Cite<br>No. <sup>1</sup>        | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | <b>T</b> <sup>2</sup> |  |  |
| scc/                 | CA                              | International Search Report dated December 7, 2004  |                       |  |  |
|                      | СВ                              | loffe, et al, CONFERENCE PROCEEDINGS ARTICLE, vol.1, July 7, 2001, pp. 690-695  |                       |  |  |
|                      | CC                              | Rehg, et al, COMPUTER VISION, 1995. PROCEEDINGS., FIFTH INTERNATIONAL CONFERENCE ON CAMBRIDGE, MA, USA 20-23 JUNE 1995, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC. US, June 20, 1995, pp. 612-617   |                       |  |  |
| *                    | CD                              | Written Opinion of the International Searching Authority dated 12/7/2004  |                       |  |  |

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| Examiner  | :01 1 01 ·      | Date       | 11/24/2008 |
|-----------|-----------------|------------|------------|
| Signature | /Sheela Chawan/ | Considered | 11/24/2006 |
| 922504    |                 |            |            |

<sup>1</sup>Applicant's unique citation designation number (optional). 2Applicant is to place a check mark here if English language Translation is attached.